

Serial No: 10/829,576
Examiner: S. YAM
Title: IMAGING APPARATUS

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (currently amended) An imaging apparatus comprising:
 - a three-dimensional circuit board transmitting virtually no visible light,
 - the three-dimensional circuit board comprising
 - a cylindrical barrel portion, and
 - a bottom portion;
 - a semiconductor imaging device held by the three-dimensional circuit board;
 - an optical system that is held by the barrel portion and directs light to the semiconductor imaging device; and
 - a flexible printed circuit, disposed on the three-dimensional circuit board on a side opposite to the barrel portion, for sending a signal to and receiving a signal from the semiconductor imaging device;
 - wherein the flexible printed circuit entirely covers a surface of the semiconductor imaging device opposite to a surface thereof facing the optical system and a region of the flexible printed circuit facing the semiconductor imaging device has sufficient shielding characteristics in a range sensitive to light reception by the semiconductor imaging device.
2. (original) The imaging apparatus according to claim 1, wherein the semiconductor imaging device has a small thickness obtained by grinding its back surface.

Serial No: 10/829,576
Examiner: S. YAM
Title: IMAGING APPARATUS

3. (original) The imaging apparatus according to claim 1, wherein in the region of the flexible printed circuit facing the semiconductor imaging device, the shielding characteristics against light with a wavelength longer than a visible range is higher than that against light in the visible range.
4. (original) The imaging apparatus according to claim 1, wherein a metal foil is laminated on the region of the flexible printed circuit facing the semiconductor imaging device.
5. (original) The imaging apparatus according to claim 4, wherein the metal foil contains aluminum as a main component.
6. (original) The imaging apparatus according to claim 4, wherein the metal foil contains silver or nickel as a main component.